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PATENT

PATENT COOPERATION TREATY

Applicants : Takashi Kikukawa et al.
Int'l Application No. : PCT/JP2004/009185
Int'l Filing Date : June 30, 2004
Title : OPTICAL RECORDING DISC

Docket No. : 890050.537USPC
Date : January 19, 2006

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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

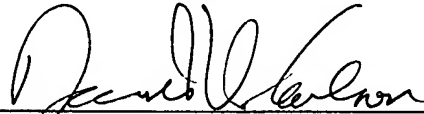
In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of all the cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

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Enclosures:

Postcard
Information Disclosure Statement
Cited References (12)

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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | ATTY. DOCKET NO. 890050.537USPC | | APPLICATION NO. <div style="font-size: 1.5em; font-weight: bold;">107565351</div> | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT Takashi Kikukawa et al. | | | |
| | | | | FILING DATE June 30, 2004 | | GROUP ART UNIT | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------|------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----|-----------------|----------|----------------------------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
| | | | | | YES | NO |
| | AD | 6-262854 | 09/20/94 | JP (+ Abstract in English) | | |
| | AE | 2004/20822 | 01/22/04 | JP (+ Abstract in English) | | |
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| | AG | 2004-39177 | 02/05/04 | JP (+ Abstract in English) | | |
| | AH | 2004-87073 | 03/18/04 | JP (+ Abstract in English) | | |
| | AI | 2004-111004 | 04/08/04 | JP (+ Abstract in English) | | |
| | AJ | 2004-158134 | 06/03/04 | JP (+ Abstract in English) | | |

| OTHER PRIOR ART <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small> | | |
|---|--|--|
| AK | | Kim, J.H., et al., "50nm Signal Writing and Retrieve by PtO _x type S-RENS Disk in Blue Laser Optical System," Extended Abstracts No. 27a-YD-4, in <i>Proceedings of the 63rd Meeting of Japan Society of Applied Physics</i> , September 2002, p.1005. |
| AL | | Kikukawa, T., et al., "Rigid Bubble Pit Formation and Huge Signal Enhancement in Super-resolution near-field Structure Disk with Platinum-oxide Layer," <i>Applied Physics Letters</i> , 81(25):4697-4699, December 16, 2002. |
| AM | | Kim, J., et al., "Super-Resolution by Elliptical Bubble Formation with PtO _x and AgInSbTe Layers," <i>Applied Physics Letters</i> , 83(9):1701-1703, September 1, 2003. |
| AN | | Kim, J., et al., "Signal Characteristics of Super-RENS Disk at Blue Laser System," <i>Technical Digest of International Symposium on Optical Memory</i> , p.264, 2003. |
| AO | | Kim, J., et al., "Random Pattern Signal Characteristics of Super-RENS Disk at Blue Laser System," <i>Technical Digest of Optical Data Storage Topical Meeting</i> , p.273, 2004. |

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| EXAMINER | DATE CONSIDERED |
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*** EXAMINER:** Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).